

Innovative Approaches in Teaching Nuclear Sciences for Students National Workshop

Day/Date	Lecture Topic	Lecturer	Time
Day 1 Monday 1 October 2018	Inaugural session	Ministry of Education The peaceful Nuclear Technology Office	8:30 - 9:00
	Introduction Radiation basics and radiation education in Japan	IAEA Expert Dr. Genichiro & Dr. Toda	9:00 - 10:30
	Break		10:30 - 11:00
	History of Radioactivity	Mr. Ali Al-Marzouqi (MOE)	11:00 - 11:30
	Radiation Interaction with Matter	IAEA Expert Dr. David Grabaskas	11:30 - 12:30
	Break		12:30 - 13:30
	Cloud Chamber experiment detecting radiation using survey meter	IAEA Expert Dr. Genichiro & Dr. Toda MOE	13:30 - 14:30 14:30 - 15:30
Day 2 Tuesday 2 October 2018	Binding Energy	Ms. Aida AL- Mukhaini (MOE)	8:30 - 9:30
	Fission/Fusion	Dr. Hussein Iskef(ODC)	9:30- 10:30
	Break		10:30 - 11:00
	Half Life	Ms. Aida AL- Mukhaini (MOE)	11:00 - 12:00
	Break		12:00 - 13:00
Day 3 Wednesday 3 October 2018	Examples of safe uses of radioactive materials (radiography)	Gulf Technical Inspection Services Experts	13:00 - 15:30
	Nuclear reactors	Mr. Hamood Al-Shidhani (MOE)	8:30 - 9:30
	Radiation measurements	IAEA Expert Dr. Genichiro & Dr. Toda	9:30-10:30
	Break		10:30 - 11:00
	Environmental Radiation Measurements	IAEA Expert Dr. Genichiro & Dr. Toda	11:00 - 12:30
Day 4 Thursday 4 October 2018	Break		12:30 - 13:30
	Visit to Nuclear Medicine Section at Royal Hospital		13:30 - 15:30
	Applications of Radiations	IAEA Expert Dr. Genichiro & Dr. Toda	8:30 - 9:30
	Radiation Safety and Risk Management	IAEA Expert David Grabaskas	9:30 -10:30
	Break		10:30 - 11:00
	Simulation of protecting from radiation using Geiger Counter	MOE	11:00 - 12:00
Teaching Nuclear Science in Innovative Approaches	Ms. Rahma Al-Sabri(MOE)	13:00 - 14:30	
	General Discussion and Closing		14:30 - 15:30